

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Jeffrey Tarvin

Serial No.:

10/711,918

Filed: October 13, 2004

For:

System and Method to Interpret Distributed

Temperature Sensor Data and to Determine a Flow

Rate in a Well

88888888 Group Art Unit: 3676

Examiner: DiTrani, Angela M.

Atty. Docket: 101.0166

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 CERTIFICATE OF MAILING 37 C.F.R. 1.8

I hereby certify that this correspondence is being deposited with the U.S. Postal Service as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date below:

June 6, 2007

Date

Robert A. Van Someren

## REPLY AND AMENDMENT

Dear Sir:

In response to the Office Action mailed March 8, 2007, Applicants submit the following: Amendments to the claims are reflected in the listing of claims that begins on page 2 of this paper.